

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 79-85

NPDES PERMIT NO. CA0005118

WASTE DISCHARGE REQUIREMENTS FOR:

E.I. DU PONT DE NEMOURS AND COMPANY
SOUTH SAN FRANCISCO, SAN MATEO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board) finds that:

1. E.I. du Pont de Nemours and Company, hereinafter called the discharger, by application dated February 22, 1979, has applied for renewal of waste discharge requirements and a permit to discharge wastes under the National Pollutant Discharge Elimination System.
2. The discharger currently discharges an average of 390,000 gallons per day of industrial waste containing pollutants into a City of South San Francisco storm drain. This drain discharges into an unnamed channel at a point approximately 1,000 feet northeast of the intersection of South Linden Avenue and San Mateo Avenue, in South San Francisco, California. The unnamed channel is tributary to central San Francisco Bay, and both channel and bay are waters of the United States. The waste consists of boiler blowdown, steam condensate, and once-through cooling water generated during the manufacture of paints, lacquers, enamels, and thinners. No chemicals are added to the boiler water or cooling water and at no time does the wastewater come in contact with product or process material. Process and sanitary wastes are discharged to the City of South San Francisco sanitary sewer system.
3. The discharge is presently governed by Waste Discharge Requirements, Order No. 74-55 which allows discharge to central San Francisco Bay.
4. A Water Quality Control Plan for the San Francisco Bay Basin was adopted by the Board on April 8, 1975. The Basin Plan contains water quality objectives for San Francisco Bay.
5. The beneficial uses of San Francisco Bay and contiguous waters are:
 - a. Recreation
 - b. Fish migration and habitat
 - c. Habitat and resting for waterfowl and migratory birds
 - d. Industrial water supply
 - e. Esthetic enjoyment
 - f. Navigation

6. The reissuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.
7. The Board has notified the discharger and interested agencies and persons of its intent to revise waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
8. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that E.I. du Pont de Nemours and Company in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and the provisions of the Federal Water Pollution Control Act, and regulations and guidelines adopted thereunder shall comply with the following:

A. Effluent Limitations

1. The discharge of an effluent in excess of the following limits is prohibited:

<u>Constituents</u>	<u>Units</u>	<u>30-Day Average</u>	<u>Maximum Daily</u>	<u>Instantaneous Maximum</u>
Temperature	°F	-	-	85
Oil and Grease	lbs/day (Kg/day)	9.8 (4.4)	16 (7.2)	-
	mg/l	3.0	5.0	-
Total Suspended Solids	lbs/day (Kg/day)	9.8 (4.4)	16 (7.2)	-
	mg/l	3.0	5.0	-
Settleable Solids	ml/l-hr	0.1	-	0.2

2. The discharge shall not have a pH of less than 6.5 nor greater than 8.5.

B. Discharge Prohibitions

1. The discharge of paints, lacquers, resins, organic solvents, process water, toxic materials, or sanitary wastes to waters of the State is prohibited.

C. Receiving Water Limitations

1. The discharge shall not cause:
 - a. Floating, suspended or deposited macroscopic particulate matter or foam in waters of the State at any place.
 - b. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place.
 - c. Toxicity in waters of the State at levels that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for human consumption.
 - d. Alteration of temperature, turbidity, or apparent color beyond present natural background levels.
2. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

1. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 74-55. Order No. 74-55 is hereby rescinded.
2. The discharger shall comply with all effluent and receiving water limitations, prohibitions, and provisions of this Order immediately upon adoption.
3. The discharger shall comply with the attached Self-Monitoring and Reporting Program as ordered by the Executive Officer.
4. The discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements," dated April, 1977, except A.5, A.12, and B.5.
5. This Order expires July 17, 1984. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code, not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.
6. The discharger shall submit by September 1, 1979, a technical report identifying sources of each spill that occurred in the past three years, identifying all possible sources of spills and describe a plan and time schedule for the prevention of future spills.

7. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act or amendments thereto, and shall become effective ten (10) days after date of its adoption provided the Regional Administrator, Environmental Protection Agency has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on July 17, 1979.

FRED H. DIERKER
Executive Officer

Attachments:

Standard Provisions and Reporting
Requirements dated April 1977
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

E.I. du Pont de Nemours and Company

San Mateo County

NPDES NO. CA 0005118

ORDER NO. 79-85

CONSISTS OF

PART A

AND

PART B

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. EFFLUENT

<u>Station</u>	<u>Description</u>
E-001	At any point in the discharger's storm drain pipeline between the point of discharge to the 4' x 4' concrete storm drain and the point at which all cooling water and blowdown tributary to that drain is present.

II. SCHEDULE OF SAMPLING, ANALYSES AND OBSERVATIONS

- A. The schedule of sampling, analyses and observations shall be that given as Table I.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 79-85.
2. Does not include the following paragraphs of Part A:
C3, C4, C5a, C5c, C5d, C5e, D1, D3, D4, E1, E4, and F2.
3. Is effective on the date shown below.
4. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

Effective Date _____

Attachment;
Table 1

ORDER NO. 79-85

 $2/M$

LEGEND FOR TABLE

Cont. = Continuous